



# The Smithsonian/NASA Astrophysics Data System

[Home](#) [Help](#) [Sitemap](#)landis peak power marke 

- Fulltext Article not available
- [Find Similar Articles](#)
- [Full record info](#)

## Peak-Power Markets for Satellite Solar Power

Landis, G.

IAF abstracts, 34th COSPAR Scientific Assembly, The Second World Space Congress, held 10-19 October, 2002 in Houston, TX, USA., p.R-3-06 IAF abstracts, 34th COSPAR Scientific Assembly, The Second World Space Congress, held 10-19 October, 2002 in Houston, TX, USA., p.R-3-06, meeting abstract

Aman MOSTAVAN Nobuyuki KAYA Institut Teknologi Bandung (TF) Kobe University, Rokkodai, Nada, Ganesha 10; Bandung 40132, Indonesia Kobe 657, Japan  
mostavan@tf.itb.ac.id kaya@kobe-u.ac.jp This paper introduces first Indonesia, comprises 15 000 islands, has land area of two millions square kilometers. Extending from 95 to 141 degrees East longitude and from 6 degrees North to 11 degrees South latitude. Further the market of the Space Solar Power/SPS must be worldwide, including Indonesia. As we know, it can provide electricity anywhere in the world from the Earth's orbit, mostly Indonesia an equator country. We have to perform case studies of various countries to understand their benefits and disadvantages provided by the SSP, because each country has much different condition on energy from other countries. We are at the moment starting the international collaboration between Indonesia and Japan to carry out the case study for Indonesia. We understand that in Indonesia itself each province has much different micro-climate between one province compared to the other. In Japan, METI (Ministry of Economy, Trade and Industry) has already organized a committee to investigate the feasibility of Space Solar Power and to make a plan to launch a space demonstration of the SPS. While, Indonesia is quickly developing economy and increasing their energy demand. We are investigating the detailed energy conditions of Indonesia, the benefits and disadvantages of the Space Solar Power for Indonesia. Especially, we will perform the investigation on the receiving system for the Japanese pilot Space Power Satellite.



The ADS is Operated by the [Smithsonian Astrophysical Observatory](#) under [NASA](#) Grant NNX09AB39G